ATTORNEY DOCKETOO 064731.0391

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NAR 3 0 2004 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cechan (nmi) Tian et al.

Serial No.:

10/792,004

Filing Date:

March 3, 2004

Group Art Unit:

Unknown

Title:

System and Method for Communicating Traffic Between

Optical Rings

Commissioner For Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Certificate of Mailing by

Express Mail No. EV 324643232 US
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37. C.F.R. 1.10 on the date shown below, and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Willie Jiles

Date: March 30, 2004

## INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

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## **REMARKS**

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants believe this Information Disclosure Statement has been filed before the mailing date of the first Official Action. Therefore, Applicants believe no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.

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**Customer Number** 

05073

Page 1 of 3 Applicant(s) Application No. PTO-1449 Cechan (nmi) Tian et al. 10/792,004 Information Disclosure Citation Filing Date Docket Number Group Art Unit In an Application March 3, 2004 064731.0391 Unknown MAR 3 0 2004 U.S. PATENT DOCUMENTS DOCUMENT NO. **SUBCLASS** FILING DATE **S**DATE **CLASS NAME** Woodall 395 23 03/18/93 08/29/95 5,446,828 A 04/24/92 359 121 04/23/96 Ota 5,510,920 В 06/19/96 128 07/28/98 Okayama et al. 359 C 5,786,916 05/21/96 359 110 08/04/98 Mock 5,790,285 D 07/18/97 Takada 359 124 5,949,563 09/07/99 E 119 10/12/98 12/07/99 Ellinas et al. 359 5,999,288 F 07/17/98 Chang et al. 359 123 08/29/00 G 6,111,673 08/18/98 Antoniades et al. 359 110 09/05/00 6,115,154 H 124 11/05/97 Otani et al. 359 09/05/00 6,115,156 I 09/19/97 359 110 12/12/2000 Öberg et al. J 6,160,648 09/09/97 359 337 01/09/01 Takeda et al. 6,172,801 B1 K 08/09/99 02/20/01 Fatehi et al. 385 17 6,192,172 B1  $\mathbf{L}$ Solheim et al. 385 24 06/02/99 02/20/01 6,192,173 B1 M 359 127 08/18/98 05/27/01 Lui et al. N 6,208,443 359 119 12/04/97 05/01/01 Chang et al. 6,226,111 B1 O 359 341.1 06/17/99 Sugaya et al. 6,288,834 B1 09/11/01 P 119 06/19/98 359 07/30/02 Koehler 6,426,815 Q De Girolamo et al. 359 124 01/30/01 09/13/02 2001/0021049 R 359 128 05/15/01 04/25/02 Antoniades et al. 2002/0048066 S 124 03/15/02 359 10/10/02 2002/0145779 Strasser et al. T FOREIGN PATENT DOCUMENTS TRANSLATION **SUBCLASS COUNTRY CLASS** DOCUMENT NO. DATE YES NO **DOCUMENT (Including Author, Title, Source, and Pertinent Pages)** DATE

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DATE CONSIDERED

**EXAMINER** 

Application No. Applicant(s) PTO-1449 10/792,004 Cechan (nmi) Tian et al. Information Disclosure Citation Group Art Unit Filing Date Docket Number In an Application Unknown March 3, 2004 064731.0391 MAR 3 0 2006 U.S. PATENT DOCUMENTS RADENIS CUMENT NO. FILING DATE CLASS SUBCLASS DATE NAME FOREIGN PATENT DOCUMENTS **TRANSLATION** SUBCLASS COUNTRY **CLASS** DOCUMENT NO. DATE YES NO 10/20 H04B  $\mathbf{X}$ 11/10/92 Α JP 04319830 Japan H04J 14/02  $\mathbf{X}$ В EP 1 063 803 12/27/00 Europe NON-PATENT DOCUMENTS DATE **DOCUMENT (Including Author, Title, Source, and Pertinent Pages)** M. Karol, "Optical Interconnection Using Shuffle Net Multihop Networks in Multi-Connected 1998 Ring Topologies," AT&T Bell Laboratories, Holmdel, NJ 07733, copyright 1988, 10 pages. K. Aly, "Conflict-free Channel Assignment for an Optical Cluster-based Shuffle Network 1994 Ε Configuration," Dept. Electrical & Computer Engineering, University of Central Florida, SIGCOMM 94-8/94 London England UK, copyright 1994, 10 pages. R. Ramaswami et al., "Routing and Wavelength Assignment in All-Optical Networks," October 1995 F IEEE/ACM Transactions on Networking, Vol. 3, No. 5, October 1995, 12 pages. R. Ramaswami et al., "Design of Logical Topologies for Wavelength-Routed Optical Networks," June 1996 IEEE Journal on Selected Areas in Communications, Vol. 14, No. 5, June 1996, 12 pages. February 2001 G. Li et al., "On the Wavelength Assignment Problem in Multifiber WDM Star and Ring Н Networks," IEEE/ACM Transactions on Networking, Vol. 9, No. 1, February 2001, 9 pages. X. Zhang et al., "An Effective and Comprehensive Approach for Traffic Grooming and October 2000 Wavelength Assignment in SONET/WDM Rings," IEEE/ACM Transactions on Networking, Vol. 8, No. 5, October 2000, 10 pages Grenfeldt, "ERION-Ericsson optical networking using WDM technology," Ericsson Review 1998 No. 3, pp. 132-137 Ashmead, "ROADMap for the Metro Market," Fiberoptic Product News, 3 pages (36, 38, and 40) October 2001 K 02/22/2002 Batchellor, "Optical Networking the Ericsson Way," Ericsson Limited, Business Unit Transport L and Cable Networks, pp. 1-4 2003 Bacque, B. et al., "R-OADM Architecture - Now you can Control the Light," Tropic Networks, pp. 1-11 DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not

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Page 3 of 3 Applicant(s) Application No. PTO-1449 Cechan (nmi) Tian et al. 10/792,004 Information Disclosure Citation Filing Date Docket Number Group Art Unit In an Application March 3, 2004 064731.0391 Unknown U.S. PATENT DOCUMENTS SUBCLASS FILING DATE **CLASS** DATE DOCUMENT NO. NAME FOREIGN PATENT DOCUMENTS TRANSLATION SUBCLASS **COUNTRY CLASS** DATE DOCUMENT NO. YES NO **DOCUMENT (Including Author, Title, Source, and Pertinent Pages)** DATE STANDE TO A 03/27/2002 U.S. Patent Application Serial No. 10/108,734, entitled "Method and System for Control Signaling in an Open Ring Optical Network," filed March 27, 2002 U.S. Patent Application Serial No. 10/108,741, entitled "Method and System for Testing During 03/27/2002 Operation of an Open Ring Optical Network," filed March 27, 2002 U.S. Patent Application Serial No. 10/112,022, entitled "Flexible Open Ring Optical Network 03/28/2002 and Method," filed March 28, 2002 U.S. Patent Application Serial No. 10/158,523, entitled "Optical Ring Network with Optical 05/29/2002 Subnets and Method," filed May 29, 2002 U.S. Patent Application Serial No. 10/158,348, entitled "Multiple Subnets in an Optical Ring 05/29/2002 E Network and Method," filed May 29, 2002 U.S. Patent Application Serial No. 10/159,499, entitled "Combining and Distributing Amplifiers 05/30/2002 G for Optical Network and Method," filed May 30, 2002 U.S. Patent Application Serial No. 10/159,307, entitled "Optical Add/Drop Node and Method," 05/30/2002 Н filed May 30, 2002 U.S. Patent Application Serial No. 10/159,464, entitled "Passive Add/Drop Amplifier for Optical 05/30/2002 Network and Method," filed May 30, 2002 U.S. Patent Application Serial No. 10/246,053, entitled "Optical Network and Distributed Sub-09/17/2002 Band Rejections," filed September 17, 2002 U.S. Patent Application Serial No. 10/262,818, entitled "Optical Ring Network with Hub Node 10/01/2002 and Method," filed October 1, 2002 05/29/2003 U.S. Patent Application Serial No. 10/448,169, entitled "Optical ring Network with Selective Signal Regeneration and Wavelength Conversion," filed May 29, 2003 U.S. Patent Application Serial No. 10/627,548, entitled "System and Method for Communicating 07/25/2003 Optical Traffic Between Ring Networks," filed July 25, 2003 U.S. Patent Application Serial No. 10/629,021, entitled "Optical Network with Sub-Band 07/28/2003 Rejection and Bypass," filed July 28, 2003 U.S. Patent Application Serial No. 10/695,711, entitled "Method and System for Increasing 10/29/2003 Network Capacity in an Optical Network," filed October 29, 2003

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Subnets and Method," filed November 26,2003

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